

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of claims:

1. (Original) A water-absorbent resin composition having the absorption capacity at 60 minutes toward 0.90 mass% sodium chloride aqueous solution under the pressure of 1.9 kPa not less than 20 g/g, comprising:
absorbent resin obtainable by polymerizing an unsaturated monomer having an acid group and/or a salt thereof; and
complex oxide hydrate containing zinc and silicon, or zinc and aluminum, wherein the complex oxide hydrate contains zinc as main metal component, and the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 50/50 - 99/1.
2. (Original) A water-absorbent resin composition according to claim 1, wherein the complex oxide hydrate is obtained by co-precipitation method in a solution containing a water-soluble zinc compound and a water-soluble silicon compound or in a solution containing a water-soluble zinc compound and a water-soluble aluminum compound.
3. (Previously presented) A water-absorbent resin composition according to claim 1, wherein the separation ratio of the complex oxide hydrate from the water-absorbent resin in a swollen state is not more than 20%.

4. (Previously presented) A water-absorbent resin composition according to claim 1, wherein the water-absorbent resin composition is in a granular state and contains particles exceeding 150 μm and not exceeding 850 μm in diameter in a proportion of not less than 90 mass% of all the particles and particles exceeding 300 μm in diameter in a proportion of not less than 60 mass% of all the particles.

5. (Previously presented) A water-absorbent resin composition according to claim 1, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 60/40 - 99/1.

6. (Previously presented) A water-absorbent resin composition according to claim 1, further comprising a plant component.

7. (Previously presented) An absorbent material for sanitary product comprising: the water-absorbent resin composition of claim 1 and hydrophilic fibers.

8. (Previously presented) An absorbent material for sanitary product comprising: water-absorbent resin obtainable by polymerizing an unsaturated monomer containing an acid group and/or a salt thereof,

hydrophilic fiber; and

complex oxide hydrate containing zinc and silicon, or zinc and aluminum, wherein the complex oxide hydrate contains zinc as main metal component, the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 50/50 - 99/1, and

the water-absorbent resin has the absorption capacity at 60 minutes toward 0.90 mass% sodium chloride aqueous solution under the pressure of 1.9 kPa not less than 20 g/g.

9. (Previously presented) An absorbent product comprising:
the absorbent material of claim 7,
topsheet possessing permeability to liquid; and
backsheet possessing impermeability to liquid.

10. (Original) A method for producing water-absorbent resin composition comprising the steps of:

obtaining a water-absorbent resin having not less than 20 g/g of absorption capacity at 60 minutes toward 0.90 mass% sodium chloride aqueous solution under the pressure of 1.9kPa through a step of polymerizing an unsaturated monomer containing an acid group; and

mixing the water-absorbent resin and complex oxide hydrate containing zinc and silicon, or zinc and aluminum.

11. (Previously presented) A water-absorbent resin composition according to claim 2, wherein the separation ratio of the complex oxide hydrate from the water-absorbent resin in a swollen state is not more than 20%.

12. (Previously presented) A water-absorbent resin composition according to claim 2, wherein the water-absorbent resin composition is in a granular state and contains particles exceeding 150 μm and not exceeding 850 μm in diameter in a proportion of not less than 90 mass% of all the particles and particles exceeding 300 μm in diameter in a proportion of not less than 60 mass% of all the particles.

13. (Previously presented) A water-absorbent resin composition according to claim 3, wherein the water-absorbent resin composition is in a granular state and contains particles exceeding 150 μm and not exceeding 850 μm in diameter in a proportion of not less than 90 mass% of all the particles and particles exceeding 300 μm in diameter in a proportion of not less than 60 mass% of all the particles.

14. (Previously presented) A water-absorbent resin composition according to claim 11, wherein the water-absorbent resin composition is in a granular state and contains particles exceeding 150 μm and not exceeding 850 μm in diameter in a proportion of not less than 90 mass% of all the particles and particles exceeding 300 μm in diameter in a proportion of not less than 60 mass% of all the particles.

15. (Previously presented) A water-absorbent resin composition according to claim 2, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 60/40 - 99/1.

16. (Previously presented) A water-absorbent resin composition according to claim 3, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 60/40 - 99/1.

17. (Previously presented) A water-absorbent resin composition according to claim 4, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 60/40 - 99/1.

18. (Previously presented) A water-absorbent resin composition according to claim 11, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 60/40 - 99/1.

19. (Previously presented) A water-absorbent resin composition according to claim 12, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 60/40 - 99/1.

20. (Previously presented) A water-absorbent resin composition according to claim 13, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 60/40 - 99/1.

21. (Previously presented) A water-absorbent resin composition according to claim 14, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 60/40 - 99/1.

22. (Previously presented) An absorbent product comprising:
the absorbent material of claim 8,
topsheet possessing permeability to liquid; and
backsheet possessing impermeability to liquid.

23. (Previously presented) A water-absorbent resin composition according to claim 1, wherein absorbent resin is surface crosslinked with a surface crosslinking agent at a temperature in the range of 100 to 250 °C.

24. (Previously presented) A water-absorbent resin composition according to claim 23, wherein the surface crosslinking agent is a polyhydric alcohol.

25. (Previously presented) A method for producing water-absorbent resin composition according to claim 10, further comprising surface crosslinking the water-absorbent resin with a surface crosslinking agent at a temperature in the range of 100 to 250 °C.

26. (Previously presented) A method for producing water-absorbent resin composition according to claim 25, wherein the surface crosslinking agent is a polyhydric alcohol.

27. (New) A water-absorbent resin composition according to claim 1, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 82/18-99/1.

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Serial No. : 10/565,324
Filed : January 20, 2006
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Attorney Docket No.: 60004-111US1

28. (New) A method for producing water-absorbent resin composition according to claim 10, wherein the mass ratio of the content of zinc and the content of silicon or aluminum is in the range of 82/18-99/1.